

# Converting Colors

YUV(64.6130, 13.5018,  
-37.3716)

Have a look what the booklet for  
YUV(64.6130, 13.5018, -37.3716)  
contains.

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# Color

**YUV(64.6130, 13.5018,  
-37.3716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16515C
RGB	22, 81, 92
RGB Percent	9%, 32%, 36%
CMY	0.9137, 0.6824, 0.6392
CMYK	0.76, 0.12, 0.00, 0.64
HSL	189°, 61%, 22%
HSV	189°, 76%, 36%
XYZ	5.2051, 6.8281, 11.1688
YIQ	64.6130, -38.6950, -9.0870

# Conversions

## Conversions Part 2

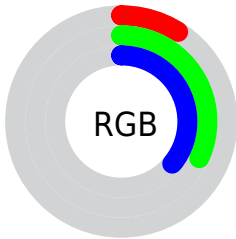
Format	Color
R <sub>Y</sub> B	22, 54, 92
Decimal	1462620
CIE Lab	31.41, -14.49, -11.88
CIE LCh	31, 18.735, 219.341
Yxy	6.8281, 0.2243, 0.2943
Android (android.graphics.Color)	4279652700 (0xFF16515C)
YUV	64.6130, 13.5018, -37.3716
Hunter-Lab	26.1307, -10.1727, -7.0504

# Details

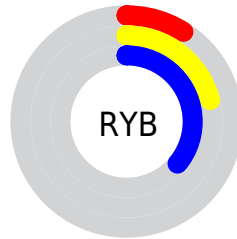
The YUV color **64.6130, 13.5018, -37.3716** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **49.3870, -13.5018, 37.3716**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5210, 13.0541, -33.7829**, and **26.3760, 9.6746, -23.1318** is the 20% darker color. If you saturate the color by 10%, you get **61.3350, 15.1178, -42.3898**, and if you desaturate by 10%, it is **67.8910, 11.8857, -32.3534**.

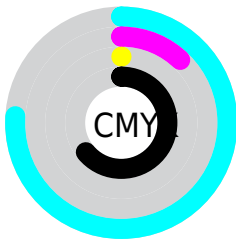
# Distribution



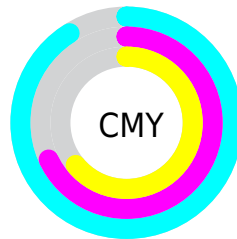
- Red (9%)
- Green (32%)
- Blue (36%)



- Red (9%)
- Yellow (21%)
- Blue (36%)



- Cyan (76%)
- Magenta (12%)
- Yellow (0%)
- Black (64%)



- Cyan (91%)
- Magenta (68%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 64.6130, 13.5018, -37.3716 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 64.6130, 13.5018, -37.3716 by changing the saturation by 10% instead.



■ 64.6130, 13.5018,  
-37.3716

■ 64.6130, 13.5018,  
-37.3716

■ 255.0000, 0.0000,  
0.0000

■ 41.7980, 12.9176,  
-36.6568

■ 115.5210, 13.0541,  
-33.7829

■ 26.3760, 9.6746,  
-23.1318

■ 142.2220, 13.2016,  
-34.3977

■ 9.4210, 8.1734,  
-8.2622

■ 169.2220, 13.2016,  
-34.3977

■ 0.0000, 0.0000,  
0.0000

■ 196.3360, 13.6384,  
-34.4977

■ 224.9230, 13.3490,  
-35.0125

■ 242.4420, 6.1911,

-25.8206

251.1130, 1.9163,  
-7.9921

64.6130, 13.5018,  
-37.3716

64.6130, 13.5018,  
-37.3716

61.3350, 15.1178,  
-42.3898

67.8910, 11.8857,  
-32.3534

57.4700, 17.0233,  
-46.8932

71.7560, 9.9803,  
-27.8500

56.2740, 17.6129,  
-49.3523

75.3330, 8.2168,  
-22.2170

79.1980, 6.3114,  
-17.7136

82.4760, 4.6953,  
-12.6955

■ 86.3410, 2.7899,  
-8.1921

■ 89.6190, 1.1738,  
-3.1739

■ 93.7830, -0.8790,  
1.9443

■ 97.0610, -2.4951,  
6.9625

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.3980, 6.2128, -32.7980



64.6130, 13.5018, -37.3716



68.6620, 15.9426, -26.8906

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6130, 13.5018, -37.3716



75.9620, 4.4557, 17.5733



72.1890, -13.4042, 5.9732

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.6130, 13.5018, -37.3716



49.3870, -13.5018, 37.3716

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2550, -13.4367, 16.4394



64.6130, 13.5018, -37.3716



75.7580, -2.8387, 23.8912

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6130, 13.5018, -37.3716



75.4920, 10.6034, 5.7075



74.7380, -9.2378, 23.0318



71.0240, -9.8718, -7.0370



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6130, 13.5018, -37.3716



71.6140, 15.4733, -16.3245



74.7380, -9.2378, 23.0318



72.9830, -14.2886, 9.6619

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.6130, 13.5018, -37.3716



109.2800, 5.2850, -15.1546



64.2300, -15.8894, -37.0357



54.7430, 3.0847, -9.4216



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6130, 13.5018, -37.3716



77.4300, 20.9870, -58.2591



44.6550, 23.3411, -19.8684



43.9180, 1.0264, -2.5591



66.5440, 21.4238, -58.3591



144.4180, 45.6429, -126.6546



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.6560, 15.4526, 37.1357



54.0790, 24.1181, 57.8127



69.9320, -23.6305, 19.3536



42.9510, 1.0102, 2.6740



43.3780, 23.9706, 58.4275

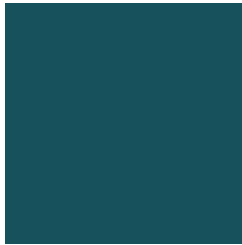


93.6630, 52.4241, 125.7065



# Previews

## White Background



This preview shows how the YUV color 64.6130, 13.5018, -37.3716 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 64.6130, 13.5018, -37.3716 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

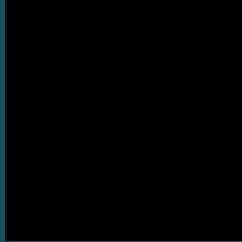
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 64.6130, 13.5018, -37.3716

## Background



This preview shows how black text looks on a background with the YUV color 64.6130, 13.5018, -37.3716.



This preview shows how white text looks on a background with the YUV color 64.6130, 13.5018,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

64.6130, 13.5018, -37.3716

### Protanopia

73.9980, 6.4100, -2.6292

### Deuteranopia

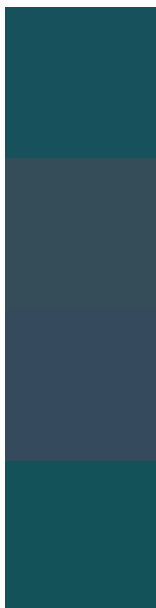
73.9100, 9.9044, -3.4291



## Tritanopia

63.8470, 11.9074, -39.3308

# Trichromacy



## Original Color

64.6130, 13.5018, -37.3716

## Protanomaly

70.6050, 9.0687, -15.4396

## Deuteranomaly

70.4740, 11.1053, -15.3247

## Tritanomaly

64.2600, 12.1968, -38.8160

# Monochromacy



## Original Color

64.6130, 13.5018, -37.3716

## Achromatopsia

65.0000, 0.0000, 0.0000

## Achromatomaly

64.8780, 4.9901, -13.9250

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.6130, 13.5018, -37.3716 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(22, 81, 92)` looks like.

```
.text, #text, p{  
    color:rgb(22, 81, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(22, 81, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 81, 92) }
```

## Border

The CSS property to change the border of an element to YUV 64.6130, 13.5018, -37.3716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(22, 81, 92) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(22, 81, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(22, 81, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 81, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 81, 92);  
box-shadow:4px 4px 4px 4px rgb(22, 81, 92)  
}
```

# Background

The CSS property to change the background color of an element to YUV 64.6130, 13.5018, -37.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 81, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(22, 81,  
92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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